

20010101.ba v03\_n070.bam.20010101

>From ???@??? Mon Jan 1 00:01:32 2001 -0600  
Date: Mon, 1 Jan 2001 00:00:26 CST  
From: Old Tube Radios <boatanchors@theporch.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOATANCHORS digest 3070  
Message-Id: <20010101071106.2766B5F1E@devel43.theporch.com>

BOATANCHORS Digest 3070

Topics covered in this issue include:

- 1) Navy Oscilloscope  
by GeorgeHumphrey <gah@koyote.com>
- 2) RE: A Matter of priorities  
by "Ed Sieb" <sieb@sympatico.ca>
- 3) L4-B, or not to be.  
by mnhopkins@juno.com
- 4) FS: two tube caddies  
by Avery Comarow <acomarow@usnews.com>
- 5) Needle Park  
by "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
- 6) Re: A Matter of priorities  
by Bob Roehrig <broehrig@admin.aurora.edu>
- 7) 75A4 Parts Needed  
by Robert Kemp <rkemp@mr.net>
- 8) The 6AF6 has been spoken for...  
by "Herbert M. Rosenthal" <herbrose@lobo.net>
- 9) GSB-100 Schematic?  
by Steve Berg <z931086@corn.cso.niu.edu>
- 10) K6KPH OTA SKN Tonight!  
by "Christopher A.Bowne" <radiobwn@ricconnect.com>

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Message-Id: <3.0.6.32.20001230213835.0084fda0@mail.koyote.com>  
Date: Sat, 30 Dec 2000 21:38:35 -0600  
To: Old Tube Radios <boatanchors@theporch.com>  
From: GeorgeHumphrey <gah@koyote.com>  
Subject: Navy Oscilloscope  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

BAers,

I was at a flea market today and walked upon a Navy Oscilloscope AN/USM-38. It was furnished to the Navy Dept. Bureau of Ships under contract NObsr 59445 and is serial 1874. It was manufactured by Trad Electronics Corp. I

was told it worked but I asked him to not plug it into the AC as I wanted to go through the caps and tubes first. Externally it saw rougher service in the back of the flea market vendor's van than in the Navy, internally it is clean and complete.

I have two questions;

1. Where might I find a operations manual and a overhaul/maintenance manual that would include the parts lists and alignment information?
2. Is this unit a good o'scope for trouble shooting the old BAs?

73 de George

KC5WBV

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From: "Ed Sieb" <sieb@sympatico.ca>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: A Matter of priorities  
Date: Sun, 31 Dec 2000 02:16:07 -0500  
Message-ID: <LOBBJHOL00HLIPLONIAFAEJLDIAA.sieb@sympatico.ca>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

73 Magazine. What did you expect?

There are several excellent manufacturers of fine 6M, 1KW amps in the UK, selling for very reasonable prices; maybe I should send him the addresses.

Ed  
VA3ES

> -----Original Message-----  
> From: owner-boatanchors@theporch.com  
> [mailto:owner-boatanchors@theporch.com]On Behalf Of Hue Miller  
> Sent: Saturday, December 30, 2000 10:58 PM  
> To: Old Tube Radios  
> Subject: Re: A Matter of priorities  
>  
>  
>  
> ----- Original Message -----  
> From: Ed Tanton <n4xy@att.net>  
>  
> > I have just learned that Ron, W2CQM, is planning to gut "an  
> absolute mint  
> > condition" Drake L4-B amplifier in order to convert it to 6M, for a  
> magazine

> > article for 73 Magazine. I cannot, in good BA conscience, sit by  
> and just  
> > let this happen.  
>  
> I wonder how many readers would be interested in following the  
> envisioned  
> article's pointless "conversion" 1 ? 2 ? 0 most likely? IF  
> 73 really chose to print that, they would be really scraping the  
> barrel for  
> filler. The idea is just dumb.  
> Hue Miller  
>  
>

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To: Old Tube Radios <boatanchors@theporch.com>  
Date: Sun, 31 Dec 2000 07:32:06 -0600  
Subject: L4-B, or not to be.  
Message-ID: <20001231.073208.-1025799.2.MNHopkins@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
From: mnhopkins@juno.com

> Drake L4-B amplifier in order to convert it to 6M, for  
a magazine article<

Hurrah! I say.

Fin de Siecle sentimentality shouldn't blind us to the fact each fallen  
final means the rest are the more valuable. We didn't get \$4,000  
Hallicrafters from everyone putting them in the closet, NIB, before  
calling 911 for the ambulance.

Moreover, 6M needs many more Big Guns. Everyone knows the E Layer just  
isn't hot enough. Back in the '70s, when the Air Force relayed with  
over-the-horizon radar, we could get the word out to everyone not to take  
the plastic off the front of a Yaesu. Ruined the collector value and,  
someday, when we brag how we bought the rig from the Widow, at grave  
side, for \$20, it will be hollow without the plastic.

So stand down, men. This is Capitalism at work.

73 de ab5L, michael in dallas, cataloger of converters,  
Student of 6M's Golden Age: 1956-58. Box 226841, 75222  
MNHopkins@JUNO.com

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Message-Id: <3.0.6.32.20001231123605.007cca70@pop3.norton.antivirus>  
Date: Sun, 31 Dec 2000 12:36:05 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Avery Comarow <acomarow@usnews.com>  
Subject: FS: two tube caddies  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

One large Sylvania and one medium Raytheon, both cosmetically decent with the usual wear and tear. Structurally sound. \$25 for the Sylvania, \$20 for the Raytheon, \$40 for both. Plus shipping, of course.

73, Avery W3AVE

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Date: Sun, 31 Dec 2000 14:36:11 -0500 (EST)  
From: "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>  
Message-Id: <200012311936.0AA13794@aa4rm.ba-watch.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Needle Park

That's Radio Shack who's locally dumping it's in-store stock of Diamond stylii.

I was faced with a quick-fix on a Shure. Tho a mail order replacement is available, I cudn't get it in time.

So I took a \$1.94 beaut then clipped off the shank end & epoxied it to the old Shure stub.

Viola, FB!!! Ann Murray's in the other room belting out "Snowbird" thru a gaggle of 12AX7s, 1614s, etc... and two AR2AXs

This stunt's probably old as the hills AND I bet there's some loss of an intangible like "soundstage." And ye gods I'm using AB2 outputs.

But the time & moolah suited me.

Happy New Year!

Marty

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Date: Sun, 31 Dec 2000 14:33:06 -0600 (CST)  
From: Bob Roehrig <broehrig@admin.aurora.edu>  
To: Old Tube Radios <boatanchors@theporch.com>

cc: Old Tube Radios <boatanchors@theporch.com>, CW Reflector <cw@qth.net>,  
Boatanchors-Tempe <BOATANCHORS@LISTSERV.TEMPE.GOV>  
Subject: Re: A Matter of priorities  
Message-ID: <Pine.OSF.3.96.1001231142746.23124D-100000@admin.aurora.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 30 Dec 2000, Arden Allen wrote:

> Well, beings that saving old radios is a preoccupation of a not-so-normal  
> branch of Hamdom, us preservationist types have a hard time understanding  
> the trash-and-burn approach to enjoying radio. That's because we reject  
> the notion that anything built by a commercial outfit is ripe for  
> converting, changing, modifying or metamorphizing into a unit capable of  
> spectacular performance compared to the humble efforts of engineers who  
> make a living practicing that much misunderstood art.

Back when we first got 30 meters as a ham band, I had the bright idea that since there were probably a lot of hams that had rigs that would not cover the new WARC bands, I would write yet another "Command set conversion article" and submit it to 73 for publication. The idea was to take a BC-458 and make a 2-band transmitter out of it. It ran straight thru on 40 meters and the final was switched to be a push-push doubler on 30. The unit worked great, but 73 rejected the article as "not having enough interest".

"Nostalgia is a thing of the past"

E-mail: broehrig@admin.aurora.edu or k9eui@arrl.net 73 de Bob, K9EUI  
CIS: Data / Telecom Aurora University, Aurora, IL  
630-844-4898 Fax 630-844-4222

PLEASE PUT ALL REPLIES IN ASCII TEXT ONLY

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Message-ID: <3A4FB07E.2ACB023D@mr.net>  
Date: Sun, 31 Dec 2000 16:17:34 -0600  
From: Robert Kemp <rkemp@mr.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: 75A4 Parts Needed  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I'm still looking for some A4 parts: Black machine screws for bottom cover and attaching front panel to sides, dial drum and all related hardware, pto and if anyone has the little spinner dealy for the 4:1 knob, I could use the black bakelite portion and the related screw!!!  
Happy New Year to one and All

Bob.

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Message-ID: <3A4FCAAE.4561949C@lobo.net>  
Date: Sun, 31 Dec 2000 17:09:39 -0700  
From: "Herbert M. Rosenthal" <herbrose@lobo.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: The 6AF6 has been spoken for...  
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"  
Content-Transfer-Encoding: 7bit

The 6AF6 I offered up a few days ago has been spoken for... a reader says his is very dim in his Seco tube checker, and has only lasted since 1957. It will be on the way to CA in a few days.

Which brings up a point from my childhood in Syracuse... during WWII I worked in a radio repair shop ( I was about 15), and the shop was on very stringent allocation (just a few monthly) for the "5-star" tubes.

My boss, a most honorable person, a great guy, my Elmer, W2NCK in Syracuse, built a 'magic box' with a multi-tap transformer and used it to 'rejuvenate' and to 'repair' tubes with low emission and/or open filaments.

As I remember, he'd put an open filament 35Z5 or 50L6, etc. in the device, crank the voltage up to twice or three times the rated voltage, than whack the tube with a rubber mallet. More chances than not, the filament would 'weld' together (you could see the spark) and then he'd run it on higher-than-rated voltage for a brief period to 'boil up' a new layer of filament coating, and the tube would check out just fine on the checker, and the customer had a working radio. I guess some of the tubes repaired this way worked for a very long time.

For tubes that were just low emission, he dispensed with the hammer and just 'boiled' them to get the emission up.

And there was a trick with 35Z5s when part of the tapped filament opened-the part with the dial lamp in parallel: one could solder a resistor across the open filament and the bulb (47?) would no longer blow, and the tube worked.

All this he did for his patrons at no cost... Jake was an honorable man.

I believe that during the early days of TV that picture tube filament step-up transformers were used-and were called 'CRT Rejuvenators.'

Anyone have experience with the hammer-and-welding bit?

Herb Rosenthal W5AN

PS: If you're ever in Syracuse, there is a nice Science Museum downtown, honoring him; last time I was there they had a memorial ham station there with volunteer docents operating it.

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Message-ID: <3A4FDF9B.9906EF57@corn.cso.niu.edu>  
Date: Sun, 31 Dec 2000 19:38:35 -0600  
From: Steve Berg <z931086@corn.cso.niu.edu>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: GSB-100 Schematic?  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I finally took the GSB-100 transmitter off the shelf, and put it on the bench for some much needed rehab. While trying to figure out the hacking some previous owners had done to the power supply section, I noticed that mine has what appears to be a diode bridge for a balanced modulator, instead of the tube that my schematic shows. Were there several models of this wonderful old clunker? If so, how do I go about getting a valid schematic? I have a manual, but apparently it is for a different model than the rig I have. Could anyone here on the list copy one off for me?

Since it is a new year, a new century, and a new millennium, it is back to the 1950's and 1960's for me!

Steve WA9JML

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Message-ID: <01C07379.11FB68E0@dial58.pm3-v90.mystic.riconnect.com>  
From: "Christopher A.Bowne" <radiobwn@riconnect.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: K6KPH OTA SKN Tonight!  
Date: Sun, 31 Dec 2000 22:28:56 -0500

K6KPH/KPH Bolinas is OTA tonite!. Just heard (at 0300Z) our list bud RD working a pileup on 7050 with a beautiful sounding signal. Couldn't call him from here as we're just heading out until after midnite. Will try to catch him then, and then work SKN from here with various rigs and keys in the wee hours of the new year.

All the best in the new year to all of you on the list!

73,

Chris Bowne, AJ1G  
Stonington, CT  
radiobwn@riconnect.com

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End of BOATANCHORS Digest 3070  
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